

United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS

U.S. DEPOSITORY

MARCH 1941

Any five of the nontechnical publications listed herein, unless indicated "For sale only," may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the Department's supply lasts. After this supply is exhausted, publications may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., by purchase at the prices stated herein. His office is not a part of the Department of Agriculture.

Free distribution of technical material and periodicals is restricted.

FARMERS' BULLETINS

- The making and feeding of silage.** T. E. Woodward, Bureau of Dairy Industry; W. H. Black, D. A. Spencer, and J. O. Williams, Bureau of Animal Industry. 30 p., illus. (F. B. 578F., rev.) Price 10¢.
- Strawberry culture: Eastern United States.** George M. Darrow, Bureau of Plant Industry. 43 p., illus. (F. B. 1028F., rev.) Price 10¢.
- Judging beef cattle.** W. H. Black, Bureau of Animal Industry. 14 p., illus. (F. B. 1068F., rev.) Price 5¢.
- The home fruit garden on the northern Great Plains.** W. P. Baird, Bureau of Plant Industry. 54 p., illus. (F. B. 1522F., rev.) Price 10¢.
- Protection of log cabins, rustic work, and unseasoned wood from injurious insects.** R. A. St. George, Bureau of Entomology and Plant Quarantine. 22 p., illus. (F. B. 1582F., rev.) Price 5¢.
- The Japanese beetle and its control.** C. H. Hadley, Bureau of Entomology and Plant Quarantine. 22 p., illus. (F. B. 1856F.) Price 5¢.
- The turnip aphid in the Southern States and methods for its control.** Norman Allen and P. K. Harrison, Bureau of Entomology and Plant Quarantine. 10 p., illus. (F. B. 1863F.) Price 5¢.
- Brucellosis of cattle.** (Bang's disease, infectious abortion). A. Eichhorn and A. B. Crawford, Bureau of Animal Industry. 22 p., illus. (F. B. 1871F.) Price 5¢.
- Slip covers for furniture.** Bess Viemont Morrison, Bureau of Home Economics. 26 p., illus. (F. B. 1873F.) Price 10¢.

LEAFLETS

- Intensive projects under the Cooperative Farm Forestry Act.** Soil Conservation Service. 6 p., illus. (Leaf. 208L.) Price 5¢.

TECHNICAL BULLETINS

- Three species of the genus Lygus and their relation to alfalfa seed production in southern Arizona and California.** Loyd L. Stitt, Bureau of Entomology and Plant Quarantine. 19 p., illus. (T. B. 741T.) Price 5¢.
- Methods of distinguishing between the shipmast and common forms of black locust on Long Island, N. Y.** Henry Hopp, Soil Conservation Service. 24 p., illus. (T. B. 742T.) Price 10¢.
- Grain prices and the futures market: A 15-year survey 1923-1938.** G. Wright Hoffman and J. W. T. Duvel, Commodity Exchange Administration. 78 p., illus. (T. B. 747T.) Price 10¢.
- Rapid determination of soybean-oil content and of iodine number of soybean oil.** Lawrence Zeleny and M. H. Neustadt, Agricultural Marketing Service. 23 p., illus. (T. B. 748T.) Price 5¢.
- Supply responses in milk production in Dodge and Barron Counties, Wis.** Raymond P. Christensen and Ronald L. Mitchell, Bureau of Agricultural Economics. 94 p., illus. (T. B. 750T.) Price 15¢.
- Trends in dairying by major type-of-farming regions.** W. F. Finner and Ronald L. Michell, Bureau of Agricultural Economics. 27 p., illus. (T. B. 751T.) Price 25¢.
- Seasonal changes in Florida oranges.** Paul L. Harding, J. R. Winston, and D. F. Fisher, Bureau of Plant Industry. 89 p., illus. (T. B. 753T.) Price 30¢. Restricted.

Effect of crossing inbred lines of guinea pigs. Orson N. Eaton. 19 p., illus. (T. B. 765T.) Price 5¢.

Inheritance in rice of reaction to *Helminthosporium oryzae* and *Cercospora oryzae*. C. Roy Adair, Bureau of Plant Industry. 19 p., illus. (T. B. 772T.) Price 5¢.

CIRCULARS

The relation of firmness to ripeness of eastern-grown apples. M. H. Haller, J. M. Lutz, and E. D. Mallison, Bureau of Plant Industry. 21 p., illus. (Cir. 579C.) Price 5¢.

Eggs and egg products. 91 p., illus. (Cir. 583C.) Price 15¢.

Influence of altitude and aspect on daily variations in factors of forest-fire danger. G. Lloyd Hayes, Forest Service. 39 p., illus. (Cir. 591C.) Price 10¢.

Apparatus and technique for the study of the egg parasites of the beet leaf-hopper. Chas. F. Henderson, Bureau of Entomology and Plant Quarantine. 19 p., illus. (Cir. 593C.) Price 5¢.

The use of traps against the Japanese beetle. Walter E. Fleming, Emory D. Burgess, and Warren W. Maines, Bureau of Entomology and Plant Quarantine. 12 p., illus. (Cir. 594C.) Price 5¢.

Experiments in the use of vapor-spray equipment. O. K. Hedden and R. M. Merrill, Bureau of Agricultural Chemistry and Engineering. 20 p., illus. (Cir. 598C.) Price 5¢.

MISCELLANEOUS PUBLICATIONS

The vertical drier for seed cotton. Charles A. Bennett, Bureau of Agricultural Chemistry and Engineering, and Francis L. Gerdles, Agricultural Marketing Service. 32 p., illus. (M. P. 239M., rev.) Price 10¢.

Forest resources of south Georgia. M. M. Lehrbas and I. F. Eldredge, Forest Service. 50 p., illus. (M. P. 390M.) Price 20¢.

Sources and available supplies of commercial fertilizers. C. H. Kunsman, Bureau of Agricultural Chemistry and Engineering. 20 p., illus. (M. P. 400M.) Price 5¢.

Lumber distribution and consumption for 1938. R. V. Reynolds and A. H. Pierson, Forest Service. 59 p., illus. (M. P. 413M.) Price 15¢.

Are we well fed? Hazel K. Stiebeling, Bureau of Home Economics. 28 p., illus. (M. P. 430M.) Price 15¢. Restricted.

SERVICE AND REGULATORY ANNOUNCEMENTS

Bureau of Animal Industry. Order amending B. A. I. Order 211 (revised) and conferring authority upon the Chief of the Bureau of Animal Industry under the Meat-Inspection Act. 1 p.¹

Bureau of Animal Industry. Service and regulatory announcements. January 1941. Pp. 1-8. (S. R. A.-B. A. I. 405). Price 5¢, a copy, 25¢ a year.²

Quarantine and other official announcements. Service and regulatory announcements. Bureau of Entomology and Plant Quarantine. October-December 1940. Pp. 85-103. (S. R. A.-B. E. P. Q. No. 145).¹

OTHER PUBLICATIONS

Agricultural adjustment 1939-40. A report of the activities carried on by the Agricultural Adjustment Administration. (G-104.) 154 p. Price 20¢.² Restricted.

Eating the surplus through the food stamp plan. Milo Perkins, Surplus Marketing Administration. 8 p.¹

Egg dishes at low cost. Bureau of Home Economics and Surplus Marketing Administration. 8 p. Folder.¹

Experiments in controlling corn ear pests in Puerto Rico. Wallace K. Bailey, Puerto Rico Experiment Station. 23 p., illus. (Cir. 23 PR.) Price 5¢. For sale only.

¹ These may be obtained free upon application to the issuing bureau.

² Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

Indicate below by numbers IN NUMERICAL ORDER, bulletins desired. In order to assure prompt delivery detach this frank and return in stamped envelope to United States Department of Agriculture, Office of Information, Washington, D. C. List no more than five publications. If more are desired, please apply to Superintendent of Documents, Government Printing Office, Washington, D. C., enclosing remittance to cover cost of publication. Be sure to fill in blank form on reverse side.

Farmers' Bulletins	Leaflets	Other publications

Guarding a heritage. Soil Conservation Service. 11 p. Price 5¢.

Plowing for terrace maintenance in the South. John M. Downing and Philip M. Price, Soil Conservation Service. [11 p.], illus. Price 5¢.

Report of the Chief of the Bureau of Agricultural Economics, 1940. Howard R. Tolley. 100 p. Price 15¢.

Soils and security. H. H. Bennett, Soil Conservation Service. 25 p., illus. Price 5¢.

Terrace construction with small equipment in the South. W. A. Weld and P. M. Price, Soil Conservation Service. 11 p., illus. Price 5¢.

AGRICULTURAL ADJUSTMENT ADMINISTRATION

G-102. **The AAA—What it is.** 14 p.¹

G-104. **Agricultural adjustment 1939-40.** 154 p. Price 20¢.²

G-105. **Agriculture and the Americas.** Folder.¹

G-107. **Wheat marketing quotas.** Folder.¹

SRM-505. **The farmer starts back.** 10 p.¹

FARM CREDIT ADMINISTRATION

Expenses, income and dividends of Oklahoma and Texas cooperative cotton gins. John S. Burgess, Jr., and Otis T. Weaver, Farm Credit Administration. 62 p., illus. (F. C. A. Bul. 41.) Price 10¢.

PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

Agricultural situation. Vol. 25, No. 3, March 1941. Price 5¢ a copy; 50¢ a year, domestic; 70¢ a year, foreign.²

A brief general summary of current conditions, including pertinent statistics relating to production, movement, consumption, and prices of the important farm products.

Agriculture in the Americas. Vol. 1, No. 2, March 1941. Illus. Price 10¢ a copy; 75¢ a year, domestic, \$1.20 a year, foreign.²

This new monthly publication of 16 pages is designed to present in popular style agricultural developments in the Western Hemisphere particularly as they affect the economic relations of the American Republics. The subject matter covers various phases of inter-American trade, as well as agricultural items of importance in the program for Hemisphere defense.

Crops and Markets. Vol. 18, No. 2, February 1941. Price 10¢ a copy; \$1.00 a year, domestic; \$1.50 a year, foreign.²

Statistics concerning crop and livestock estimates and market information; reports on supplies, stocks, commercial movement, conditions, and prices of agricultural products; and studies of prices and demand, both foreign and domestic.

Experiment station record. Vol. 84, No. 3, March 1941. Price, \$1 per volume (2 volumes a year) consisting of 6 monthly numbers and index; \$1.75 per volume, foreign.² Single numbers for sale only. Price 15¢.

A technical review of scientific literature pertaining to agriculture.

¹ These may be obtained free upon application to the issuing bureau.

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Extension service review. Vol. 12, No. 3, March 1941. Illus. Price 10¢ a copy; 75¢ a year, domestic; \$1.15 a year, foreign.²

Issued monthly by the Extension Service, of which it is the official organ, for the distribution of administrative information.

Foreign agriculture. Vol. 5, No. 2, February; No. 3, March 1941. Illus. Price 10¢ a copy; \$1.00 a year, domestic; \$1.60 a year, foreign.²

A 48-page monthly periodical containing articles on foreign government policies relating to agriculture, foreign agricultural production and international trade in agricultural products. The articles in general are the result of special research or field investigations conducted by the office staff or commodity specialists of the Office of Foreign Agricultural Relations. Designed primarily for those who are interested in following changes in foreign policies as they affect agriculture.

Journal of agricultural research. Price \$3.25 a year, domestic; \$4.75 a year, foreign. Each issue, 15¢, domestic; 20¢, foreign. Separates, 5¢, domestic; 8¢, foreign.² *Not distributed free to individuals.*

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

Separates. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made. Others interested may purchase copies from the Superintendent of Documents, Washington, D. C., at 5¢ each. The Office of Information has none for general distribution.

G-1158. (In Vol. 60, No. 5.) Cytology of parthenogenesis in *Poa pratensis*. Fred W. Tinney.

G-1170. (In Vol. 61, No. 2.) Photothermal induction of flowering in sugar beets. F. V. Owen, Eubanks Carsner, and Myron Stout.

Calif.-114. (In Vol. 61, No. 3.) Two additional factors for resistance to mildew in barley. Ernest H. Stanford and Fred N. Briggs.

Ga.-16. (In Vol. 61, No. 3.) Effect of roasting and scalding pimiento fruits in preparation for canning on the subsequent germination of the seeds. H. L. Cochran.

Kans.-93. (In Vol. 61, No. 2.) Differential injury within varieties, inbred lines, and hybrids of field corn caused by the corn earworm, *Heliothis armigera* (Hbn.). Reginald H. Painter and Arthur M. Brunson.

Mich.-36. (In Vol. 61, No. 3.) A solution of normal equations giving the standard errors of the constants. William Dowell Baten.

N. Y. (Cornell)-46. (In Vol. 61, No. 3.) The influence of intensity of egg production upon infertility in the domestic fowl. W. F. Lamoreux.

S. Dak.-4. (In Vol. 61, No. 3.) Effect of corn, wheat, and barley in the diet on the physical and chemical composition of fryers and roasters. W. E. Poley, A. L. Moxon, W. O. Wilson, and R. L. Dolecek.

S. Dak.-5. (In Vol. 61, No. 3.) Effect of corn, wheat, and barley in the diet on the flavor of fried and roasted chickens. W. E. Poley, Amanda Rosenquist, and A. L. Moxon.

Wis.-118. (In Vol. 61, No. 3.) Soil-fertility standards for growing northern hardwoods in forest nurseries. S. A. Wilde and W. E. Patzer.

Vol. 60, January 1-June 15, 1940, Index; Vol. 61, No. 11, December 1; No. 12, December 15, 1940.

Land policy review. Vol. 4, No. 3, March 1941. Price, 5¢ a copy, 25¢ a year, domestic.²

Gives information on current developments in land policy and land programs to workers of the Department of Agriculture and cooperating groups.

² Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.